

Price quote for:

Changeable Message Boards (Group III)

Vendor Name:	K & K Systems Inc.
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Version of Excel used: 97-2003

1.0	Manufacturer	K & K Systems, Inc.
	Warranty	One year
	Discount to be applied to Price List	5%
	Date & I.D. of Price List	December 2014 Price List #MN120613
	Price for additional set of manuals (service, parts, & operations)	0.00 (Most can be downloaded from website)
2.0	Performance/Warranty Options: Use this section to offer performance/extended warranty options and include cost.	Price
2.1	Extended warranty = 3% of total cost per unit per year	See Price List MN120613
2.2		
2.?		
3.0	Optional item(s) Use this section for items not listed in manufacturer's price list. These items must be an upgrade to message board operation or functionality(example absorbed glass mat type batteries, etc.). *Responder must give manufacturer name and item number. Number these items starting with 3.1, 3.2, 3.3 etc.	Price
3.1		See Price List MN120613
3.2		
3.?		
4.0	Trailer Wiring per MnDOT Specification, See attached drawing	Price 0

CHANGEABLE MESSAGE SIGN (Group III)			
Freight costs included			
Item #	Description	Price Each	Minus 5% (MN cost)
<i>Changeable Message Display - Trailer Mounted - Hydraulic</i>			
MB14281	Solar Powered, Portable Changeable Message Sign. Capable of three lines of alphanumeric 18" high text and graphics/animations, all LED display, self contained on board computer, multiple alphanumeric fonts, powder coat paint system. Display is 142" x 81", with hydraulic style trailer. Supports up to 260 predefined messages (text and graphics). Supports storage of up to 100 changeable messages. System comes standard with eight-(8) 6-volt batteries (totaling 900 12V amps) and 220 watts of solar. NTCIP Compliant.	15,598.21	14,818.30
MB8249	Solar Powered, Portable Changeable Message Sign. Capable of three lines of alphanumeric 10" high text and graphics/animations, all LED display, self contained on-board computer, multiple alphanumeric fonts, powder coat paint system, and display is 82" x 49", with hydraulic style trailer. Supports up to 260 predefined messages (text and graphics). Supports storage of up to 100 changeable messages. System comes standard with six-(6) 6-volt batteries (totaling 675 12V amps) and 160 watts of solar. NTCIP Compliant.	13,733.02	13,046.37
MB9757	Solar Powered, Portable Changeable Message Sign. Capable of three lines of alphanumeric 12" high text and graphics/animations, all LED display, self contained on-board computer, multiple alphanumeric fonts, powder coat paint system. Display is 97" x 57", with hydraulic style trailer. Supports up to 260 predefined messages (text and graphics). Supports storage of up to 100 changeable messages. System comes standard with six-(6) 6-volt batteries (totaling 675 12V amps) batteries and 160 watts of solar. NTCIP Compliant.	14,094.45	13,389.73
MB3L	Solar Powered, Portable Changeable Message Sign. Capable of three lines of alphanumeric 18" high text, all LED display, self contained on-board computer, powder coat paint system. Display is 131" x 76", with hydraulic style trailer. Supports up to 215 predefined messages (text). Supports storage of up to 100 changeable messages. System comes standard with eight-(8) 6-volt batteries (totaling 900 12V amps) and 220 watts of solar. NTCIP Compliant.	14,831.82	14,090.23
Freight costs included			
Item #	Description	Price Each	Minus 5% (MN cost)
<i>Changeable Message Display - Trailer Mounted - Winch Style</i>			
MB8249WF	Solar Powered, Portable Changeable Message Sign. Capable of three lines of alphanumeric 10" high text and graphics/animations, all LED display, self contained on-board computer, multiple alphanumeric fonts, powder coat paint system. Display is 82" x 49", with winch style trailer (fold-n-go). Also supports up to 260 predefined messages (text and graphics). Supports storage of up to 100 changeable messages. System comes standard with four-(4) 6-volt batteries (totaling 450 12V amps) and 120 watts of solar. NTCIP Compliant.	11,208.28	10,647.87

MB8235WT	Solar Powered, Portable Changeable Message Sign. Capable of two lines of alphanumeric 10" high text and predefined arrow patterns, all LED display, self contained on-board computer, multiple alphanumeric fonts, powder coat paint system. Display is 82" x 35", with winch style trailer (telescopic). Also supports up to 215 predefined messages (text and arrow board functions). Supports storage of up to 100 changeable messages. System comes standard with four-(4) 6-volt batteries (totaling 450 12V amps) and 120 watts of solar. NTCIP Compliant.	10,526.32	10,000.00
MB8249WT	Solar Powered, Portable Changeable Message Sign. Capable of three lines of alphanumeric 10" high text and graphics/animations, all LED display, self contained on-board computer, multiple alphanumeric fonts, powder coat paint system. Display is 82" x 49", with winch style trailer (telescopic). Also supports up to 260 predefined messages (text and graphics). Supports storage of up to 100 changeable messages. System comes standard with four-(4) 6-volt batteries (totaling 450 12V amps) and 160 watts of solar. NTCIP Compliant.	12,855.82	12,213.03
MB9757WT	Solar Powered, Portable Changeable Message Sign. Capable of three lines of alphanumeric 12" high text and graphics/animations, all LED display, self contained on-board computer, multiple alphanumeric fonts, powder coat paint system. Display is 97" x 57", with winch style trailer (telescopic). Also supports up to 260 predefined messages (text and graphics). Supports storage of up to 100 changeable messages. System comes standard with six-(6) 6-volt batteries (totaling 675 12V amps) and 160 watts of solar. NTCIP Compliant.	13,660.47	12,977.45
MB3LWT	Solar Powered, Portable Changeable Message Sign. Capable of three lines of alphanumeric 18" high text, all LED display, self contained on-board computer, powder coat paint system. Display is 131" x 76", with winch style trailer (telescopic). Also supports up to 215 predefined messages (text). Supports storage of up to 100 changeable messages. System comes standard with six-(6) 6-volt batteries (totaling 675 12V amps) and 220 watts of solar. NTCIP Compliant.	13,954.62	13,256.89
Item #	Description	Price Each	Minus 5% (MN cost)
<i>Options for Changeable Message Display - Trailer Mounted</i>			
ADD80W	Additional 80 watt solar panel.	506.49	481.17
ADD110W	Additional 110 watt solar panel.	672.68	639.05
ADDB06225	Add battery pack with two-6 volt batteries for a total of 225 amps.	358.75	340.81
ADDBB422514	Additional cabinet with wiring to fit middle-size style trailer.	474.83	451.09
ADDBB552514	Additional cabinet with wiring to fit large style trailer	514.40	488.68
Cell Fee	Fee for setting up the modem.	474.83	451.09
CELL-Modem	Cell modem.	941.75	894.66
CPAINT	Custom Paint: other than white, orange or black (15 day lead time).	318.93	302.98
CT	Conspicuity tape 16 ft (reflective).	44.65	42.42
EXB12360	Replace battery pack with 12 volt 360 amp battery.	261.16	248.10
EXB12480	Replace battery pack with 12 volt 480 amp battery.	292.81	278.17
EXT-P1	Extended power package. 160 watts of solar power, six (6) additional 6-volt batteries and cabinet.	2,247.55	2,135.17

EXT-P2	Extended power package. 220 watts of solar power, eight (8) additional 6-volt batteries and cabinet.	3,410.89	3,240.35
HM	Hour Meter.	79.14	75.18
RADAR	Radar	886.36	842.04
ST	Site tube.	26.91	25.56
T&R	Solar Tilt & Rotate option for Changeable Message Display trailers	823.05	781.90
TAXL	Axle lock for anti theft.	79.74	75.75
TBBD	Bulldog coupler & adjustable height channel.	167.77	159.38
TBPR	Pintle ring hitch coupler & adjustable height channel.	91.80	87.21
TEB	Electric brakes.	364.04	345.84
TEXOT	Extendable out riggers.	473.25	449.59
THB	Hydraulic brakes.	728.08	691.68
TLLN	Locking lug nuts.	53.81	51.12
TLT	LED taillights.	39.57	37.59
TP	Tow plate - 4" x 6" angle with 2" ball	63.31	60.14
TPLUG-6	6-round contact to 4-flat adaptor	18.99	18.04
TPLUG-7	7-round contact to 4-flat adaptor	18.99	18.04
TPLUGA-6	6 contact metal connector with spring.	20.50	19.48
TPLUGA-7	7 contact metal connector with spring.	20.50	19.48
TSKID	Anti-skid tape on fenders and battery compartment.	79.14	75.18
TSTAT	Traffic Statistics package. Able to download important traffic stats through radar. Downloadable to a user provided laptop. Includes Software CD and cable (NOT ER10)	316.56	300.73
TTS	15" spare tire with mount.	329.22	312.76
Freight costs included			
Item #	Description	Price Each	Minus 5% (MN cost)
<i>Vehicle Mount Changeable Message Display</i>			
VCMD0942110	Changeable Message Display. Capable of one line of alphanumeric 8" high text, all LED display, self contained on-board computer, multiple alphanumeric fonts, powder coat paint system, display is 16" x 52". Also supports up to 99 predefined messages (text) . Supports storage of up to 100 changeable messages.	5,392.52	5,122.89
VCMD0948110	Changeable Message Display. Capable of one line of alphanumeric 8" high text , all LED display, self contained on-board computer, multiple alphanumeric fonts, powder coat paint system, display is 16" x 59". Also supports up to 99 predefined messages (text). Supports storage of up to 100 changeable messages.	5,531.73	5,255.14

VCMD0942158	Changeable Message Display. Capable of one line of alphanumeric 10" high text, all LED display, self contained on-board computer, multiple alphanumeric fonts, powder coat paint system, display is 20" x 73". Also supports up to 99 predefined messages (text). Supports storage of up to 100 changeable messages.	5,568.27	5,289.86
VCMD0948158	Changeable Message Display. Capable of one line of alphanumeric 10" high text, all LED display, self contained on-board computer, multiple alphanumeric fonts, powder coat paint system, display is 20" x 82". Also supports up to 99 predefined messages (text). Supports storage of up to 100 changeable messages.	5,741.88	5,454.79
VCMD0942190	Changeable Message Display. Capable of one line of alphanumeric 12" high text, all LED display, self contained on-board computer, multiple alphanumeric fonts, powder coat paint system, display is 23" x 85". Also supports up to 99 predefined messages (text). Supports storage of up to 100 changeable messages.	5,737.61	5,450.73
VCMD0948190	Changeable Message Display. Capable of one line of alphanumeric 12" high text, all LED display, self contained on-board computer, multiple alphanumeric fonts, powder coat paint system, display is 23" x 97". Also supports up to 99 predefined messages (text). Supports storage of up to 100 changeable messages.	5,902.62	5,607.49
VCMD1842110	Changeable Message Display. Capable of two lines of alphanumeric 8" high text and arrow graphics, all LED display, self-contained on-board computer, multiple alphanumeric fonts, powder coat paint system, display is 24" x 52". Also supports up to 223 predefined messages. Supports storage of up to 100 changeable messages.	6,318.24	6,002.33
VCMD1848110	Changeable Message Display. Capable of two lines of alphanumeric 8" high text and arrow graphics, all LED display, self-contained on-board computer, multiple alphanumeric fonts, powder coat paint system, display is 24" x 59". Also supports up to 223 predefined messages. Supports storage of up to 100 changeable messages.	6,569.00	6,240.55
VCMD1848158	Changeable Message Display. Capable of two lines of alphanumeric 10" high text and arrow graphics, all LED display, self-contained on-board computer, multiple alphanumeric fonts, powder coat paint system, display is 35" x 82". Also supports up to 223 predefined messages. Supports storage of up to 100 changeable messages.	6,721.19	6,385.13
VCMD1842190	Changeable Message Display. Capable of two lines of alphanumeric 12" high text and arrow graphics, all LED display, self-contained on-board computer, multiple alphanumeric fonts, powder coat paint system, display is 40" x 85". Also supports up to 223 predefined messages. Supports storage of up to 100 changeable messages.	7,031.96	6,680.36
VCMD1848190	Changeable Message Display. Capable of two lines of alphanumeric 12" high text and arrow graphics, all LED display, self-contained on-board computer, multiple alphanumeric fonts, powder coat paint system, display is 40" x 97". Also supports up to 223 predefined messages. Supports storage of up to 100 changeable messages.	7,349.18	6,981.72

VCMD2742110	Changeable Message Display. Capable of three lines of alphanumeric 8" high text and graphics/animations, all LED display, self-contained on-board computer, multiple alphanumeric fonts, powder coat paint system, display is 36" x 52". Also supports up to 260 predefined messages. Supports storage of up to 100 changeable messages.	7,403.19	7,033.03
VCMD2748110	Changeable Message Display. Capable of three lines of alphanumeric 8" high text and graphics/animations, all LED display, self-contained on-board computer, multiple alphanumeric fonts, powder coat paint system, display is 36" x 59". Also supports up to 260 predefined messages. Supports storage of up to 100 changeable messages.	7,776.13	7,387.32
VCMD2742158	Changeable Message Display. Capable of three lines of alphanumeric 10" high text and graphics/animations, all LED display, self-contained on-board computer, multiple alphanumeric fonts, powder coat paint system, display is 49" x 73". Also supports up to 260 predefined messages. Supports storage of up to 100 changeable messages.	7,754.69	7,366.96
VCMD2748158	Changeable Message Display. Capable of three lines of alphanumeric 10" high text and graphics/animations, all LED display, self-contained on-board computer, multiple alphanumeric fonts, powder coat paint system, display is 49" x 82". Also supports up to 260 predefined messages. Supports storage of up to 100 changeable messages.	8,354.83	7,937.09
VCMD2742190	Changeable Message Display. Capable of three lines of alphanumeric 12" high text and graphics/animations, all LED display, self-contained on-board computer, multiple alphanumeric fonts, powder coat paint system, display is 57" x 85". Also supports up to 260 predefined messages. Supports storage of up to 100 changeable messages.	8,433.40	8,011.73
VCMD2748190	Changeable Message Display. Capable of three lines of alphanumeric 12" high text and graphics/animations, all LED display, self-contained on-board computer, multiple alphanumeric fonts, powder coat paint system, display is 57" x 97". Also supports up to 260 predefined messages. Supports storage of up to 100 changeable messages.	8,892.82	8,448.18
Item #	Description	Price Each	Minus 5% (MN cost)
<i>Options for Changeable Message Display - Vehicle Mount</i>			
AC-CMD	Convert Changeable Message Display to AC by adding 150W power supply (includes wiring)	237.42	225.55
MV40FH	Upgrade to 40' data cable.	123.20	117.04
MV60FH	Upgrade to 60' data cable.	211.21	200.65
MVACT-600	Actuator for Vehicle Changeable Message Display - 600 lb.; includes 25' cable.	435.26	413.50
MVACT-1200	Actuator for Vehicle Changeable Message Display - 1200 lb.; includes 25' cable.	585.63	556.35
MVLPM	Low profile mount.	245.33	233.06
MVOCM	Over cab mount. (Also requires MVLPM (low profile mount))	191.52	181.94
MVSM	Vehicle Skid Mount for Vehicle Changeable Message Display.	1,326.37	1,260.05
MVTGM	Tailgate mount.	245.33	233.06
VACT40FH	Upgrade to 40' actuator cable.	42.55	40.42

VACT60FH	Upgrade to 60' actuator cable.	72.93	69.28
VTTM	Two-tube frame for rail mount.	94.97	90.22